



MWL 18-12 / MWL 18-12F

12V 18Ah

Compliance with standards

PN-EN 60896-21:2007
PN-EN 60896-22:2007
PN-EN 61056-1:2008
PN-EN 61056-2:2003(U)
PN-E-83016:1999

Batteries MW Power type MWL are designed for use mainly in emergency power systems e.g. UPS, emergency lighting, automation systems. The batteries can also be used in applications, where they operate cyclically. For discharges of 50% can reach 400 cycles.

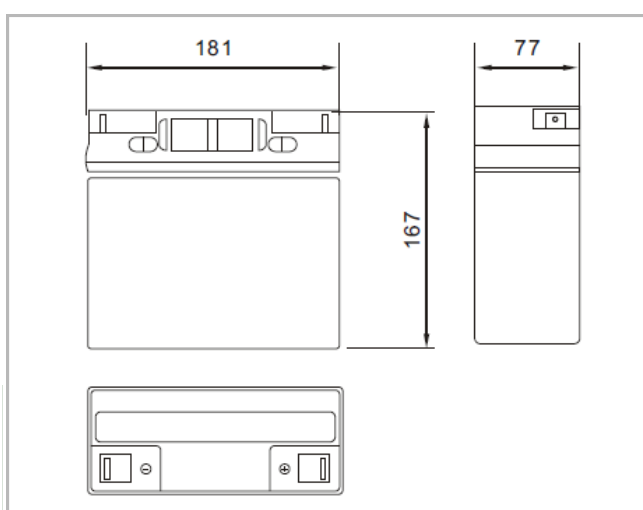
Designed service life 10-12 years to range of 20-25 °C.



Specification

Nominal voltage		12V
Nominal capacity		18,0 Ah
Dimensions	Lenght	181 mm
	Width	77 mm
	Height	167 mm
	Total height	167 mm
Weight		5,7kg

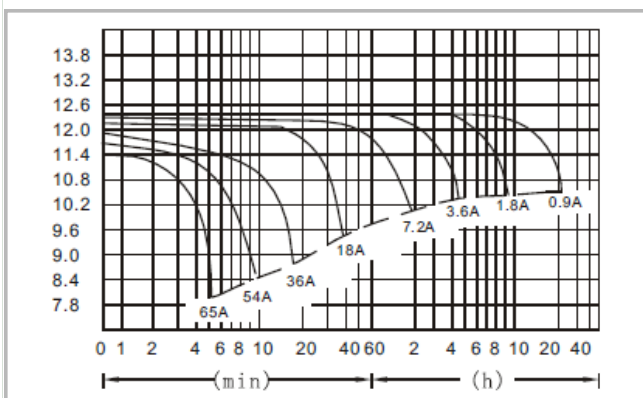
Dimensions



Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	18,0 Ah
	10h	16,7 Ah
	5h	14,8 Ah
Internal resistance	charged battery	14,0 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self-discharge	3 m-ths	91%
	6 m-ths	82%
	12 m-ths	64%
Terminal	Insert M5 (T13)	
	Bolt and nut M5 (T3) – version F	
Charging	Standby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	5,7 A	
Max. discharge current	195 A (5 sec.)	
Temperatures of work:		
Discharging -20°C ÷ 50°C		
Charging: -20°C ÷ 50°C		
Storage: -20°C ÷ 50°C		

Input-discharge at 25 ° C



Terminal

